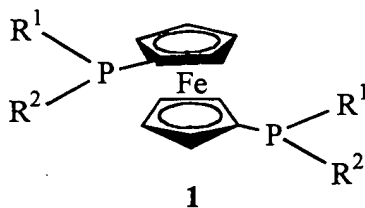


ABSTRACT**SUPPORTED HOMOGENEOUS CATALYSTS FOR
SELECTIVE HYDROGENATION**

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A supported catalyst comprises a cationic rhodium(I) complex of the formula



10

wherein R^1 and R^2 are the same or different hydrocarbon groups of up to 30 C atoms, or

15 R^1 and R^2 are linked to form a ring, and a heterogeneous support medium that provides anionic binding sites.

Such a complex is particularly useful as a catalyst in a process of hydrogenating an aldehyde to produce the corresponding primary alcohol.

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